If the rejection is maintained, Applicants respectfully request a showing as to which graphics controller with a digital graphics port in Hung or other reference receives the digital graphics data having an expected characteristic value and which is also coupled to a computer and which also includes in addition to the computer, graphics controller, also includes a test apparatus as claimed. Hung does not teach or suggest such an operation. For example, the UUT (unit under test) of Hung does not appear to be coupled to a computer via a bus. Moreover, there does not appear to be a digital graphics port of a graphics controller as noted above. Accordingly, the claims are in condition for allowance.

Also, as to claim 1, Applicants respectfully request a showing as to which elements in the Hung reference allegedly correspond to the digital graphics port of a graphics controller under test as the rejection specifically states "Hung (Fig. 1) shows a method of testing which receives, at a test apparatus, a digital graphics data from a digital graphics port of the graphics controller under test...". Applicants are unable to find a graphics controller having a digital graphics port as claimed in the Hung reference. In addition, it appears that the office action also agrees with Applicants and that the office action also states "Hung does not explicitly provide words or interface to the graphics controller". Since Hung does not teach digital graphics data from a digital graphics port of a graphics controller under test it cannot be cited as such. Accordingly, the claims are in condition for allowance.

In addition, the claim requires that the same digital graphics port of the graphics controller both provide the digital graphics data to the test apparatus and also receive the expected characteristic value data. As such, the same digital graphics port obtains the expected characteristic value and provides the digital graphics data to the test apparatus. As understood, the expansion slot of Hung does not provide expected characteristic values to a digital graphics port of a graphics controller. To the contrary, the video signal connector 10 which is a different port of the unit under test in Hung appears to provide the video signal that is being tested. As

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such the Hung reference requires a tri state buffer. Applicants claim a different system and as such the claims are in condition for allowance.

In the "Response to Arguments" section, the Examiner appears to misapprehend Applicants' position. Applicants noted in the previous office action that the video signals in Perez, are analog signals. Applicants in contrast claim a method for testing digital graphics data for a digital panel and utilizing a graphics controller having a digital graphics port such as one provides digital data for a digital display panel. The portion referenced in the office action refers to the DOC interface. This is not the video data being tested nor the video data being claimed. As such, Applicants reassert the relevant remarks made in the previous action and as such, the claims are also in condition for allowance.
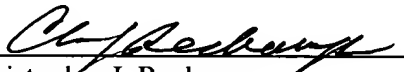
The system of Perez does not utilize a digital graphics port to receive digital graphics data for test as required by the claims. Perez is cited for allegedly teaching digital data ports of a digital graphics controller as required by the claims, but the reference must teach such elements missing from the primary reference. However, as noted, the Perez reference does not communicate digital graphics data for testing. Although Perez teaches communicating the results of a test back to the unit under test over a digital display channel in a VGA connector, the system of Perez does not utilize digital graphics ports to receive digital graphics data for the test as required by the claims and as alleged in the office action. If the rejection is maintained, Applicants respectfully request a showing as to where Perez allegedly teaches such an operation. The office action appears to cite to column 2, lines 54-67. However as noted this is not referring to a digital graphics port of a graphics controller under test, but to the contrary refers to a data display channel interface which is a serial interface for transmitting data to a display but this is not the digital graphics port that receives or provides digital graphics data for testing as required by the claim and alleged in the office action. Accordingly, the claims are in condition for allowance. Applicants respectfully reassert the relevant remarks made from a previous response

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with respect to the dependent claims including claim 14, 19 and others. The dependent claims add additional novel and non-obvious subject matter not taught in the cited references.

Accordingly, Applicants respectfully submit that the claims are in condition for allowance, and that an early Notice of Allowance be issued in this application. The Examiner is invited to contact the below-listed attorney if the Examiner believes that a telephone conference will advance the prosecution of this application.

Respectfully submitted,

Dated: ___2-3-05___   By: _____

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